(54) Title: METHOD OF ALLOCATING LINKS IN A 1X EVDO SYSTEM
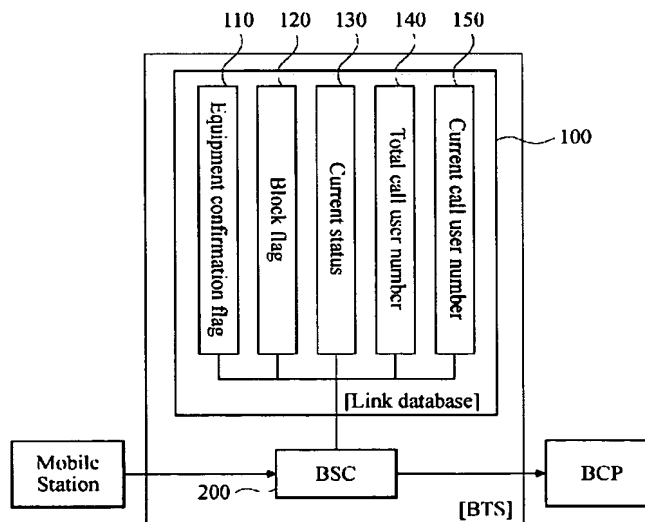
(57) Abstract: The present invention is directed to a method of allocating links in a base station of a 1x EVDO (EVolution Data Only) system. Conventionally, since a 1x EVDO system sequentially allocates a link to a user who requested a call setup irrespective of the link status, some of the allocated links may suffer from overload that eventually decreases the data transmission rate for the user. However, in order to perform the link allocation in due consideration of the link status, the present invention uses a link database including various status information, such as an equipment confirmation flag, a block flag, a current status, the total call user number, and the current call user number. With the status information, a base station control processor (BCP) in the 1x EVDO system of the present invention distributes traffic loads among the links and ensures an optimized data transmission rate.